

"From Water to Wires: Discovering Hydropower"

***School and Family Field Trips
November 1-6, 2004***



**Sponsored by
Jefferson Energy Cooperative**

Joint project of the National Science Center Fort Discovery and Augusta Canal National Heritage Area in honor of the 50th anniversary of the J. Strom Thurmond Lake and Dam at Clarks Hill

What: Special trips for late elementary or middle school students on electricity and hydropower. Discover the basic science of electricity generation, then learn about the early efforts to harness water for power and the modern day use of hydropower.

When: Daily, Week of November 1-6, 2004

10:00 a.m.

National Science Center's Fort Discovery,

7th Street at Riverwalk, Augusta

Introduction to the science of electricity and hydropower. Includes the indoor lightning storm, Powertown and Vandergraph.

11:15 a.m.

Augusta Canal Interpretive Center,

Enterprise Mill, 1450 Greene Street, Augusta

Tour of the center to learn how power was generated in the 19th and early 20th centuries. Emphasis on turbines, waterwheels and hydroelectricity exhibits.

Noon

Petersburg Boat canal tour, departing Augusta Canal's Enterprise Mill Dock

Guided tour past the working textile mills still powered by the Augusta Canal.

12:45 End (or students can have a sack lunch or snack on the grounds of Enterprise Mill, as schedule permits)

Optional 1:45-2:30

Tour of the Thurmond Dam and powerhouse. Learn how Dam was built 50 years ago.



To Register

Maximum capacity per day is 96 (including students, teachers and chaperones)

Cost is \$10 per student

Advance registration is REQUIRED. Call the Augusta Canal Interpretive Center

706-823-0440 extension 4.